

LIBRARY

1955  
CR. 17

ANNUAL REPORT FOR

- 1955 -

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

TO  
THE PERSHORE RURAL DISTRICT COUNCIL.

\_\_\_\_\_

\_\_\_\_\_

CHAIRMAN OF THE PUBLIC HEALTH COMMITTEE : -

Colonel R.F.Harrison.

CHAIRMAN OF THE HOUSING COMMITTEE :-

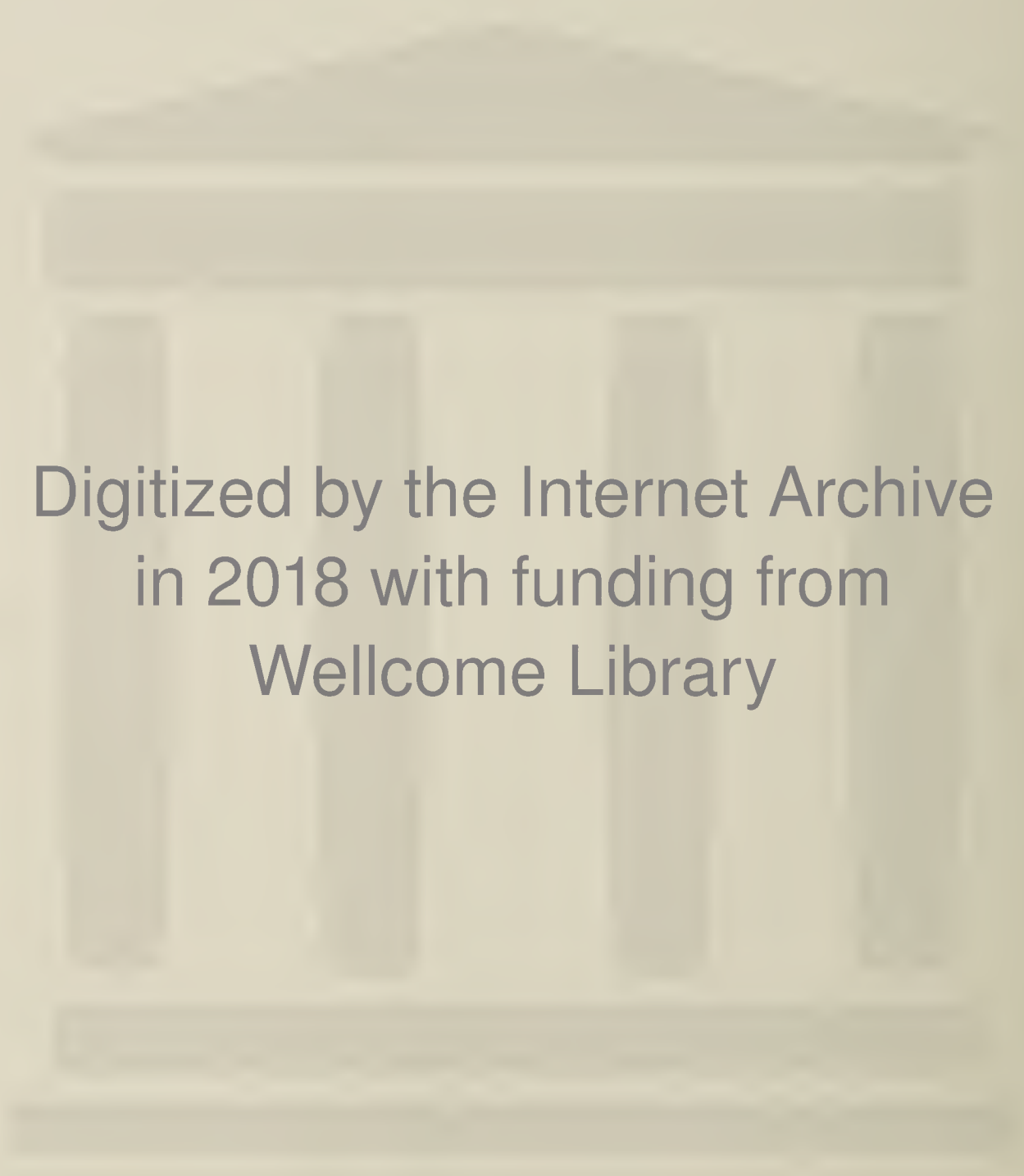
Mr. S. G. Parkes.

DISTRICT MEDICAL OFFICER OF HEALTH :-

Doctor J.J.Murray, M.B., D.P.H.

CHIEF SANITARY INSPECTOR .-

Mr. J.W. Holmes, M.S.I.A.



Digitized by the Internet Archive  
in 2018 with funding from  
Wellcome Library

<https://archive.org/details/b29987143>

TO THE CHAIRMAN AND MEMBERS OF  
THE PERSHORE RURAL DISTRICT COUNCIL.

I

MR. CHAIRMAN, LADIES AND GENTLEMEN.

I beg to present my report on the health of your district for 1955.

VITAL STATISTICS.

Registrar-General's population estimate :- 16760

<u>BIRTHS.</u>		<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate.	...	132	116	248
Illegitimate.	...	5	7	12
		137	123	260

STILL-BIRTHS.

Legitimate	...	4	-	4
Illegitimate	...	-	-	-
		4	-	4

		1955	1954
Birth rate of 1,000 of estimated resident population.		15.5	17.3
Still-birth rate per 1,000 of total (live & still) births.		15.3	20.06

	<u>Males</u>	<u>Females</u>	<u>Total</u>
	96	95	191

<u>DEATHS</u>		1955	1954
Death rate per 1,000 of estimated resident population.	..	11.4	11.04
Deaths from Pregnancy, Childbirth and Abortion.	..	Nil	Nil
Rates per 1,000 total (live & Still ) Births.	..	Nil	Nil

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Deaths of infants under one year.	Nil	Nil	Nil
Deaths of legitimate infants.	"	"	"
Deaths of illegitimate infants.	"	"	"

Death rates of infants under one year.

All infants per 1,000 live births	Nil	23.4
Legitimate infants per 1,000 legitimate live births.	"	20.4
Illegitimate infants per 1,000 illegitimate births	"	90.9

Deaths from Cancer. (all ages)	30
Deaths from Measles. (all ages)	-
Deaths from Whooping Cough. (all ages)	-
Deaths from Gastro-enteritis (under 2 yrs)	1

<u>Deaths of infants under 4 weeks of age.</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	Nil	Nil	Nil
Illegitimate	"	"	"

Comparison with certain figures for the whole country is as follows:-

		1955	1954
	<u>England &amp; Wales</u>	<u>District</u>	<u>District</u>
Birth Rate.	15.0	15.5	17.3
Death Rate.	11.7	11.4	11.04
Infant Mortality Rate.	24.9	nil	23.4

CAUSES OF DEATH.

The following table gives the causes of death during 1955.

<u>CAUSES OF DEATH.</u>	<u>MALES</u>	<u>FEMALES</u>	<u>TOTAL</u>
Tuberculosis, respiratory.	1	-	1
Tuberculosis, other.	-	1	1
Syphilitic disease.	2	-	2
Diphtheria.	-	-	-
Whooping Cough.	-	-	-
Meningococcal Infections	-	-	-
Acute Polio-myelitis	-	-	-
Measles.	-	-	-
Other Infective and parasitic diseases	-	-	-
(Malignant neoplasm, stomach	3	2	5
(Malignant neoplasm, lung bronchus.	4	-	4
(Malignant neoplasm, breast.	-	3	3
(Malignant neoplasm, uterus.	-	1	1
(Other malignant and lymphatic neoplasms.	8	9	17
(Leukaemia and aleukaemia.	-	-	-
<u>(Inclusive Totals.</u>	<u>15</u>	<u>15</u>	<u>30</u>
Diabetes	-	-	-
Vascular lesions of nervous system	8	25	33
Coronary disease, angina	10	7	17
Hypertension with heart disease.	-	3	3
Other heart disease.	24	21	45
Other circulatory disease.	4	5	9
Influenza	4	1	5
Pneumonia	3	1	4
Bronchitis	5	1	6
Other diseases of respiratory system	-	-	-
Ulcer of stomach and duodenum	1	-	1
Gastritis, enteritis and diarrhoea	-	1	1
Nephritis and Nephrosis.	2	-	2
Hyperplasia of prostate	1	-	1
Pregnancy, Childbirth, Abortion.	-	-	-
Congenital malformations.	-	-	-
Other defined and ill-defined diseases	7	10	17
Motor Vehicle accidents	1	1	2
All other accidents	7	2	9
Suicide	-	1	1
Homicide and operation of war	1	-	1
	<u>96</u>	<u>95</u>	<u>191</u>
			<u>1954</u>
			:: 187



## GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

The Infectious Disease Hospitals are under the control of the Regional Hospital Board.

No difficulty has been found in obtaining admissions, and the transport system is satisfactory.

## SANITARY CIRCUMSTANCES OF THE DISTRICT.

### WATER SUPPLIES.

A total of 4132 houses with a population of 12902 is supplied from public mains.

Piped water from Cheltenham and Worcester Corporations augment the local main supply.

The River Severn supply for Coventry, will assist in supplying some villages now using well water.

There is no evidence of plumb-solvency in the district.

Tappings are virtually completed on Stage I of the Regional Water Scheme. Main laying in Stage II is well advanced.

### ANALYSES.

#### RAW WATER.

Bacteriological examination	- 26 Satisfactory	- 25 )	Including independent Parish spring supplies.
	Unsatisfactory	- 1 )	
Chemical examination.	- 14 Satisfactory	- 13 )	
	Unsatisfactory	- 1 )	

#### TREATED WATER.

Satisfactory reports from Cheltenham Corporation.

### H O U S I N G.

During 1955, the Council erected 110 houses, making a total of 645 constructed since the War. 53 houses were built privately.

It is noted that over 300 dwellings in the district are in a bad state of repair, forming part of a national problem, the solution of which is at present very difficult.

## INSPECTION AND SUPERVISION OF FOOD.

In addition to the Inspector of Weights and Measures, samples are taken by the Sanitary Inspector's Staff under the Food and Drugs Acts, 1928 - 38. There are 42 registered premises for the sale of ice-cream which are regularly supervised.

There are 3 Slaughter Houses in this area under supervision and inspection.

### FACTORIES ACT. 1937.

- (1) Inspections for purpose of provisions as to health (including inspections made by Sanitary Inspector.)

Cont/over

P R E M I S E S.	NUMBER ON REGISTER.	INSPEC- TIONS.	WRITTEN NOTICES	OWNERS PROSECUTED.
(1) Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authority.	5.	5.	-	-
(2) Factories not included in (1) in which Section 7. is enforced by the Local Authority	53.	31.	-	-
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding Outworkers' premises).	-	-	-	-
T O T A L S.	58	36	-	-

(2) Cases in which defects were found :-

PARTICULARS.	NUMBER OF CASES IN WHICH DEFECTS WERE FOUND.				Number of cases in which prosecutions were instituted.
	FOUND.	REMEDIED	REFERRED -		
			To H.M. Inspector	By H.M. Inspector.	
Want of Cleanliness	2	2	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable Temperature.	-	-	-	-	-
Ineffective drainage of floors.	-	-	-	-	-
Sanitary conveniences.	-	-	-	-	-
(a) insufficient.	-	-	-	-	-
(b) unsuitable or defective.	3	3	-	2	-
(c) Not separate for sexes.	-	-	-	-	-
OTHER offences against the Act (not including offences relating to Outworkers).	1	1	-	1	-
T O T A L S.	6	6	-	3	-

OUTWORK IN UNWHOLESOME PREMISES - SECTIONS 110 & 111

There were no instances of this during the year.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES.

Notified diseases (other than Tuberculosis) during 1955

<u>D I S E A S E.</u>	<u>TOTAL CASES NOTIFIED</u>	<u>ADMITTED TO HOSPITAL.</u>	<u>TOTAL DEATHS.</u>
Scarlet Fever <sup>†</sup>	2	-	-
Measles.	200	-	-
Whooping Cough.	43	-	-
Acute Pneumonia.	1	-	-
Meningococcal infections.	-	-	-
Acute polio-myelitis.	2	2	-
Erysipelas.	-	-	-
Dysentery.	-	-	-

ANALYSIS OF TOTAL NOTIFIED INFECTIOUS DISEASE CASES  
(OTHER THAN TUBERCULOSIS) DURING THE YEAR 1955.

AGE GROUPS.	SCARLET FEVER	ACUTE PNEUMONIA	MEASLES	MENINGOCOCCAL INFECTIONS.	WHOOPIING COUGH.	ACUTE POLIOMYELITIS	ERYSIPELAS	DYSENTERY.
<u>YEARS.</u>								
0 -	-	-	2	-	5	-	-	-
1 -	-	-	36	-	8	-	-	-
3 -	-	-	46	-	15	-	-	-
5 -	1	-	100	-	12	1	-	-
10 -	-	-	10	-	1	-	-	1
15 -	-	-	4	-	1	-	-	-
25 -	-	-	-	-	1	1	-	-
25 and over	1	1	2	-	-	-	-	-
T O T A L S	2	1	200	-	43	2	-	1

Acute Polio-myelitis.

2 Cases were notified; the first a woman aged 25 years, who made a complete recovery. The second was that of a girl aged 3 years, who recovered with some residual leg-muscle weakness.

Diphtheria:- No cases were recorded.

Whooping Cough :- 43 cases notified, all of whom recovered.

Measles:- 200 cases of a mild nature were notified, mainly affecting those children aged from 5 to 10 years. There were no deaths.

Scarlet Fever :- 2 Cases notified. No deaths.



DIPHTHERIA IMMUNISATION.

The table below gives the numbers immunised during the year.

Numbers Immunised	Numbers Immunised.	Totals.	
		1955.	1954.
0- 4 inclusive = 193.	5 - 14 inclusive.= 19.	212	190.

(above figures include cases immunised by Private Practitioners)

School reinforcing doses :- 151

V A C C I N A T I O N S.

Under 2 years.	Over 2 years.	TOTALS.	
		1955.	1954.
110	16	126	137

T. U B E R C U L O S I S.

The following table includes notifications and deaths arising from this disease during 1955.

AGE GROUPS.	NEW CASES.				DEATHS.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
<u>YEARS.</u>								
0 -	-	-	-	-	-	-	-	-
1 -	-	-	-	-	-	-	-	-
5 -	-	-	-	-	-	-	-	-
10 -	-	-	-	-	-	-	-	-
15 -	2	1	-	-	-	-	-	-
20 -	-	1	-	1	-	-	-	1
25 -	3	2	-	-	-	-	-	-
35 -	-	1	-	-	-	-	-	-
45 -	1	-	-	-	-	-	-	-
55 -	2	-	-	-	-	-	-	-
65 -	-	1	-	-	-	-	-	-
T O T A L S.	8	6	-	1	-	-	-	1
	14		1		-		1	

	1955	1954.
Number of deaths from tuberculosis	1.	3.
Number notified by death. ..	1.	2.
	1955.	1954.
Total number of tuberculosis notifications	15.	24
Total number of deaths. ..	1.	3

There was a satisfactory decrease in the notifications during the year, eight fewer than in 1954

The Mass Radiography Unit visited the Pershore District during the year 1955, and 1182 persons were X-rayed. One case of Pulmonary Tuberculosis was ascertained.

MASS RADIOGRAPHY VISIT TO PERSHORE.

Held at Drill Hall.

1955.	M.	F.	Totals.	1954.	M.	F.	Totals.
Organized Groups.	149.	181.	330.	Organized Groups.	226	184	410.
Public.	60	120.	180.	Public.	182	259	441.
Schools.	174	147.	321.	Schools.	26	26	52.
Morgan Crucible Wks.	123	62.	185.	Doctors Cases.	-	3	3.
Total			1016.	Total			966.



Mass Radiography - continued:

<u>PERSHORE.</u>							
<u>1955.</u>	<u>M.</u>	<u>F.</u>	<u>Totals.</u>	<u>1954.</u>	<u>M.</u>	<u>F.</u>	<u>Totals.</u>
			1016.				906.
( 1 Active Case)				(5 active cases)			
<u>BREDON.</u>							
			<u>Total</u>				
Public.	33	64	97				
Schools.	35	34	69				166
Total			1182.				

The South Worcestershire Tuberculosis after-care Committee has continued to assist those cases who are in genuine need of help despite their allowances. This work is of great value both psychologically and materially, and is very much appreciated by the recipients.

Three Tuberculosis cases were re-housed by the Council this year, thus giving adequate room to the patient and raising the family standards of health and hygiene.

- - - o O o - - -

There were no infant deaths during the year, the infantile mortality rate being "Nil" for the first time in this district. The rate for the Country was 24.9 per 1,000 births.

The death rate was 11.4, and the birth rate was 15.5.

The actual number of births decreased by 33.

Houses are being built by this Council as speedily as circumstances permit. 110 this year, and 108 in 1954, making a valued contribution to District Health standards.

The number of dwellings in bad repair remains a difficult problem.

The public health of the District on the above figures, may be regarded as satisfactory.

I am indebted to the Chief Sanitary Inspector and his staff for their skilled assistance during the year.

I am,  
Your obedient Servant,

J.J. MURRAY,

Medical Officer of Health.



TO THE CHAIRMAN AND MEMBERS  
OF THE PERSHORE RURAL DISTRICT COUNCIL.

MR. CHAIRMAN, LADIES AND GENTLEMEN.

I have pleasure in presenting my Annual Report on the Sanitary work undertaken by Officers of my Department during the year ended 31st December 1955.

SEWERAGE AND SEWAGE DISPOSAL.

The following schemes have been constructed during the year.

Kington. Scheme involving pumping, settlement and aeration, giving capacity for 30 houses.

Sneachill. A Scheme for the new council house development and the Hamlet of Sneachill, involving construction of works with capacity for 34 houses, has been commenced. This will abate a nuisance being caused in the roadside ditches.

Upton Snodsbury.

An extension of the sewer on the new Housing Estate to serve the portion of the village near the Chapel. This will abate a Public Health nuisance in an adjoining ditch.

Bishampton.

A scheme has been prepared for submission to the Ministry for the provision of a Sewerage Scheme for the village.

Lower Moor.

A Scheme has also been prepared for Upper and Lower Moor, and part of Wyre, Sandfields.

Cropthorne.

A Sewerage Scheme for the village of Cropthorne has also been prepared.

Pershore.

An inquiry has been held by a Ministry Inspector during the year, into the proposed Sewerage and Sewage Disposal Scheme for the Town of Pershore. The Ministry have approved the Scheme in principle, subject to the Scheme being re-designed to deal with increased population.

Pershore (Abbey Grounds)

The Disposal Works for the Council's development on the Abbey Grounds is of insufficient capacity.

REFUSE AND SALVAGE.

Tipping has been carried out at the old Brickworks, Drakes Broughton. Trouble has been experienced with fires on the tip, due in the main, to the large amount of combustible material in the domestic refuse and the lack of soil for covering purposes.

Contracts have been undertaken with the Royal Engineers, Worcestershire Regiment, Ministry of Supply, and Messrs. Farrans for the twice weekly removal of refuse.

S A L V A G E.

The market price of paper increased during the year to £8. per ton. The revenue during the year amounted to £324. compared with £248. during 1954, and £472. during the year 1953. Scrap metals and other materials continue to be salvaged.

## W A T E R   S U P P L Y .

The water supply taken from the Overbury Springs is of good quality. This water supply is untreated. The supplies obtained from the neighbouring Corporations have been similarly of good quality.

524 applications were received for a supply of water from the Public Mains.

Trouble was again experienced with the maintenance of the public supply due to the inadequacy of the Pershore service reservoir.

Tappings have commenced on Stage I of the Regional Scheme, and main laying is in progress on Stage II.

### Analyses - Well Water.

Number of samples submitted for analysis -		<u>Satisfactory. Unsatisfactory.</u>	
Chemical.	..	3.	5
Bacteriological.	..	1	7

## D I S I N F E C T I O N .

Eight disinfections were carried out using formaldehyde gas and formalin spray, primarily as a result of Scarlet Fever and Tuberculosis.

## R O D E N T   C O N T R O L .

The service has continued to operate satisfactorily, the Operative using mainly Warfarin. A.N.T.U., Red Squill, and Zinc Phosphide used occasionally.

Number of infestations dealt with at private premises.	1845
Number of infestations dealt with on business premises.	34
Number of other infestations dealt with.	10
Number of complaints received.	67

## I N S P E C T I O N   A N D   S U P E R V I S I O N   O F   F O O D .

There are the following food premises in the district:-

Grocers.	40
Greengrocery.	10
Sweet Shops.	8
Butchers.	8
Bakers and Confectioners.	9
Fried Fish Shops.	1
Wet Fish Shops.	2
Cafes.	11
Licensed Premises including Clubs.	63

Food preparation premises in the district are inspected regularly.

Two of the premises were improved by informal action.

### Milk Supply.

8 Dairymen (other than cowkeepers) are registered.  
16 Inspections were made during the year.



CONDEMNATIONS.

The following foods have been voluntarily surrendered,  
inspected and condemned :-

Butter. (Danish)	1 $\frac{1}{2}$ lb.
Beef.	70 lb. of Forequarter (English)
Bacon.	14 lb. of Smoked Fore-end.
Chitterlings.	7 lb. Block.
Gammon.	14 lb.
Salmon.	1 - 15 $\frac{1}{2}$ oz. tin.
Butter Beans.	1 - 1 lb. tin.
Asparagus.	1 - 15 oz. tin.
Mixed Vegetables.	1 - 1 lb. 2 oz. tin.
Peas.	2 - 20 oz. tins.
Peas	1 - 19 oz. tin.
Tomatoes.	3 - 8 oz. tins.
"	2 - 14 $\frac{1}{2}$ oz. tins.
"	1 - 1 lb. tin.
"	1 - 35 oz. tin.
"	3 - 2 lb. tins.
Nestle's Sterilized Cream.	2 - 6 oz. tins.
Ideal Milk.	5 - $\frac{3}{4}$ pint tins.
" "	5 - 2 pint tins.
Apricots.	8 - 3 Kilo tins.
"	226 - 5 Kilo tins pulp.
Cherries.	46 - 5 Kilo tins.
Grapes.	1 - 16 oz tin.
Grape Fruit Juice	1 - 19 oz tin .
Oranges.	5 - 11 oz tins.
Peaches.	2 - 16 oz tins.
"	365 - 5 Kilo tins.
"	1 - 2 lb. tin.
"	3 - 3 Kilo tins.
Pears.	1 - 7 lb. tin.
Pineapples in syrup.	168 - ALO
" Segments.	15 - 5 Kilo tins.
" "	12 - 6 lb. 14 oz.
" "	68 - ALO
" "	18 - Golden Circle.
" "	60 - Kol.
" Titbits.	5 - ALO 5 lbs.

MEAT INSPECTION.

The following animals have been slaughtered and inspected since 1st July.  
Conditions have been satisfactory.

	Cattle Excluding Cows	Cows	Calves	Sheep & Lambs.	Pigs	Horses.
Number killed (if known)	391	-	23	2287	637	-
Number inspected	391	-	23	2287	637	-
<u>All diseases except Tuberculosis and Cysticerci</u>						
Whole Carcasses condemned	1	-	-	3	4	-
Carcasses of which some part or organ was condemned	39	-	-	24	1	-
Percentage of number inspected affected with disease other than Tuberculosis and cysticerci	10.2	-	-	1.2	.78	-
<u>Tuberculosis only:</u>						
Whole carcasses condemned	-	-	-	-	-	-
Carcasses of which some part or organ was condemned	8	-	-	-	6	-
Percentage of number inspected affected with tuberculosis	2.05	-	-	-	.9	-
<u>Cysticercosis</u>						
Carcasses of which some part or organ was condemned	-	-	-	-	-	-
Carcasses submitted to treatment by refrigeration	-	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-

SUMMARY OF SANITARY INSPECTIONS DURING THE YEAR (OTHER THAN HOUSING)

Number of premises visited.	650 (approx)
Defects or nuisances found.	23
Defects or nuisances abated.	23
Number of Informal Notices served.	22
Number of Statutory Notices served.	1
New drainage to sewers.	16
New drainage to septic tanks.	26
Drains repaired.	--
Obstructed drains cleared.	30
Drains tested.	51
Number of insanitary lavatories, sinks and urinals dealt with.	--
Number of shops visited	20
Cases under the Shops Act, 1934 (Informal)	--
Number of Factories inspected.	36

HOUSING STATISTICS.Number of new houses erected during the year :-

(a) by Local Authority	110
(b) by other Local Authorities	--
(c) by other bodies or persons	53

Inspection of dwelling houses during the year :-

(1) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts).	375
(2) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for habitation.	352 ‡
(3) Number of dwelling houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation.	23

Remedy of defects during the year without service of Formal Notices:-

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers.	22
--	----

Action under Statutory Powers during the year :-

## Proceedings under Public Health Acts.

(1) Number of dwelling houses in respect of which Notices were served requiring defects to be remedied.	1
---	---

## Proceedings under Sections 11 &amp; 13 of the Housing Act, 1936.

(1) Number of houses in respect of which Demolition Orders were made.	11
(2) Number of houses demolished in pursuance of Demolition Orders.	10

‡ Includes 335 Houses placed on Council's Schedule for Slum Clearance.

Proceedings under Section 12 of the Housing Act, 1936.  
Local Government (Miscellaneous Provisions) Act.

Number of Closing Orders issued in respect  
of separate dwellings. 6

Housing Act, 1936 - Overcrowding.

Number of cases of overcrowding relieved during the year. 36  
 Number of persons concerned in such cases. 140

NEW HOUSING.

The Council have built 110 new houses and 53 have been built privately.

Total Post-war Development :-

Local Authority Development. 645  
 Private Development. 230  
 Total Houses Owned by the Local Authority. 1029

Applicants Re-housed in Permanent Houses :-

<u>Parish.</u>	<u>New Houses.</u>	<u>Re-lets.</u>	<u>Total</u>
Pershore	30	15	45
Besford	-	1	1
Bredon	5	-	5
Broughton Hacket	3	-	3
Defford	17	2	19
Drakes Broughton (Bungalows)	4	-	6
Eckington.	-	1	1
Kington	9	-	9
Naunton Beauchamp	-	1	1
Pinvin	-	2	2
Peopleton	3	-	3
Stoulton	1	3	4
Upton Snodsbury (Bungalows)	11	-	14
Whittington	10	-	10
White Ladies Aston	-	1	1

Applicants Re-housed in Temporary Accommodation :- 8 8

Exchange of Accommodation :-

3 Exchanges involving 6 families.	6	6
Transfer of Tenants.	6	6
	98	144

Number of cases of Overcrowding Relieved:- 42

Number of persons concerned in such cases. 168

Applicants for housing accommodation at 31.12.55.

With separate accommodation. 402  
 Sharing accommodation. 202  
 604

(Note - this total includes applicants who have applied for more than one Parish and the total applicants may therefore be regarded as - 474.)

HOUSING ACT, 1949

52 applications for Improvement Grants were approved during the year.



Improvements taken place during the year.

The construction of 110 Council Houses, and 53 Private Houses.

The completion of Stage I and the commencement of Stage II of the Regional Water Scheme.

Chief Sanitary Requirements of the District.

The completion of the Regional Water Scheme makes the provision of Schemes of Sewerage and Sewage Disposal in a large number of Villages a matter of urgency. The provision of a modern Sewerage Scheme for the Town of Pershore, still remains one of high priority.

I am, Sir,

Your obedient Servant,

J. W. HOLMES.

Chief Sanitary Inspector.





